

601 Shipper's Export Declaration

Functional Group ID=**SE**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Shipper's Export Declaration Transaction Set (601) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used by shippers, freight forwarders, or carriers to provide the United States Bureau of the Census with shipper export declaration information.

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
	005	ISA	Interchange Control Header	O	1		
Must Use	010	ST	Transaction Set Header	M	1		
LOOP ID - BA1							999
Must Use	020	BA1	Beginning Segment for Shipper's Export Declaration	M	1		
Must Use	025	YNQ	Yes/No Question	M	10		
Not Used	030	V5	Vessel Code	O	1		
Must Use	040	DTM	Date/Time/Period	M	1		
Must Use	050	P5	Port Information	M	2		
Must Use	060	REF	Reference Numbers	O	9		
Must Use	070	M12	In-bond Identifying Information	O	1		
	080	VID	Vehicle ID	O	999		
LOOP ID - N1							10
Must Use	100	N1	Name	M	1		
	110	N2	Additional Name Information	O	2		
	115	N3	Address Information	O	2		
	120	N4	Geographic Location	O	1		
LOOP ID - L13							999
Must Use	130	L13	Commodity Details	M	1		
	140	MAN	Marks and Numbers	O	999		
	150	X1	Export License	O	1		
	160	VEH	Vehicle Information	O	9999		
LOOP ID - N1							10
Not Used	170	N1	Name	O	1		
Not Used	180	N2	Additional Name Information	O	2		
Not Used	190	N4	Geographic Location	O	1		
Must Use	200	SE	Transaction Set Trailer	M	1		
	195	IEA	Interchange Control Trailer	O	1		

Segment: **ISA** Interchange Control Header
Position: 005
Loop:
Level:
Usage: Optional
Max Use: 1
Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments

Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
>>	ISA01	I01	Authorization Information Qualifier Code to identify the type of information in the Authorization Information 03 Additional Data Identification	M ID 2/2
>>	ISA02	I02	Authorization Information Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01) Provide Transmitter Identification which should be 9 position numeric (DUNS, SSN, EIN)	M AN 10/10
>>	ISA03	I03	Security Information Qualifier Code to identify the type of information in the Security Information	M ID 2/2
>>	ISA04	I04	Security Information This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03) Provide 6 pos. password	M AN 10/10
>>	ISA05	I05	Interchange ID Qualifier Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified	M ID 2/2
>>	ISA06	I06	Interchange Sender ID Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element Provide a 9 position filer id (DUNS, SSN or EIN)	M AN 15/15
>>	ISA07	I05	Interchange ID Qualifier Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified	M ID 2/2
>>	ISA08	I07	Interchange Receiver ID Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them	M AN 15/15
>>	ISA09	I08	Interchange Date Date of the interchange	M DT 6/6
>>	ISA10	I09	Interchange Time Time of the interchange	M TM 4/4
>>	ISA11	I10	Interchange Control Standards Identifier Code to identify the agency responsible for the control standard used by the	M ID 1/1

message that is enclosed by the interchange header and trailer				
>>	ISA12	I11	Interchange Control Version Number	M ID 5/5
			This version number covers the interchange control segments	
>>	ISA13	I12	Interchange Control Number	M N0 9/9
			A control number assigned by the interchange sender	
>>	ISA14	I13	Acknowledgment Requested	M ID 1/1
			Code sent by the sender to request an interchange acknowledgment (TA1)	
>>	ISA15	I14	Test Indicator	M ID 1/1
			Code to indicate whether data enclosed by this interchange envelope is test or production	
>>	ISA16	I15	Component Element Separator	M AN 1/1
			This field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator	

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level:
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref.	Data	Name	Attributes
	<u>Des.</u>	<u>Element</u>		
>>	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set	M ID 3/3
>>	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M AN 4/9

Segment: **BA1** Beginning Segment for Shipper's Export Declaration
Position: 020
Loop: BA1 Mandatory
Level:
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of the Shipper's Export Declaration transaction set and transmit basic data

Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
>>	BA101	645	Related Company Indication Code Code indicating parties to a transaction	M ID 1/1
>>	BA102	306	Action Code Code indicating type of action	M ID 1/2
		1	Add Add a shipment - AES Option 2, Post-departure Option 3, Option 4, or Post- departure AES Pass.	
		2	Change (Update) Change a shipment - AES Option 2, Post-departure Option 3, Option 4, or Post- departure AES Pass.	
		3	Delete Delete a shipment - AES Option 2, Post-departure Option 3, Option 4, or Post- departure AES Pass.	
		RX	Replace Replace a shipment - Pre-departure Option 3 or Pre-departure Pass.	
		WD	Withdrawn Delete a shipment - Pre-departure Option 3 or Pre-departure Pass.	
		WQ	Accept Add a shipment - Pre-departure Option 3 or Pre-departure Pass.	
>>	BA103	91	Transportation Method/Type Code Code specifying the method or type of transportation for the shipment	M ID 1/2
		7	Mail Type of transportation provided by the U.S. Postal Service	
		A	Air	
		B	Barge	
		H	Customer Pickup	
		HH	HH = Air, Containerized	
		J	Motor	
		MP	Motor (Package Carrier) MP = Truck, Containerized	
		O	Containerized Ocean	
		P	Private Carrier	

			PL	Pipeline		
			R	Rail		
			TT			
				TT = Rail, Containerized		
			VA	Motor (Van)		
			VE	Vessel, Ocean		
			ZZ	Mutually defined		
				ZZ= ROAD		
>>	BA104	26	Country Code		M	ID 2/3
			Code identifying the country			
			Country of Ultimate Destination, Provide ISO code			
>>	BA105	127	Reference Number		M	AN 1/30
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.			
			Max of 17 positions, Unique Shipment Number			
X	BA106	116	Postal Code		O	ID 3/15
			Code defining international postal zone code excluding punctuation and blanks (zip code for United States)			
	BA107	26	Country Code		O	ID 2/3
			Code identifying the country			
			Provide ISO country Under Which Vessel is registered			
	BA108	156	State or Province Code		O	ID 2/2
			Code (Standard State/Province) as defined by appropriate government agency			
			Provide State/Province code of origin of shipment. (Use two digit USPS code of the state, territory, possession of the U.S. in which the goods actually begins its journey to the port of export. Leave blank for in-transit shipments)			
	BA109	151	Authority		O	AN 1/20
			Name or code of authority for authorizing action or reservation			
			Provide Exporter IRS Number, max. 9 positions. Required when establishing a new profile and if Exporter's ID Number is not an EIN or SSN.			
			Refer to Customs Proprietary Commodity Formats (record B, data element Exporter IRS Number) for additional information.			
>>	BA110	140	Standard Carrier Alpha Code		M	ID 2/4
			Standard Carrier Alpha Code			
			Provide SCAC or IATA code of the carrier of goods			
	BA111	310	Location Identifier		O	AN 1/30
			Code which identifies a specific location			
	BA112	182	Vessel Name		O	AN 2/28
			Name of ship as documented in "Lloyd's Register of Ships"			
			Provide vessel name for ocean transport. If air, rail or truck provide name of the carrier.			

Segment: **YNQ** Yes/No Question
Position: 025
Loop: BA1 Mandatory
Level:
Usage: Mandatory
Max Use: 10
Purpose: To identify and answer yes and no questions, including the date, time, and comments further qualifying the condition

Syntax Notes:

- 1 Only one of YNQ01 YNQ09 or YNQ10 may be present.
- 2 If either YNQ03 or YNQ04 is present, then the other is required.
- 3 If YNQ09 is present, then YNQ08 is required.

Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
>>	YNQ01	1321	Condition Indicator Code indicating a condition Must provide indicator for Hazardous goods	X ID 2/2
			QQ Item is a hazardous cargo	
			RW AES-Option 3	
			RX AES-Option 4	
			RY AES-PASS expanded IOU	
			RZ Waiver of prior notice	
			ZZ AES-PASS standard IOU and post-departure	
>>	YNQ02	1073	Yes/No Condition or Response Code Code indicating a Yes or No condition or response	M ID 1/1
X	YNQ03	1250	Date Time Period Format Qualifier Code indicating the date format, time format, or date and time format	X ID 2/3
X	YNQ04	1251	Date Time Period Expression of a date, a time, or range of dates, times or dates and times	X AN 1/35
X	YNQ05	933	Free-Form Message Text Free-form message text	O AN 1/264
X	YNQ06	933	Free-Form Message Text Free-form message text	O AN 1/264
X	YNQ07	933	Free-Form Message Text Free-form message text	O AN 1/264
X	YNQ08	1270	Code List Qualifier Code Code identifying a specific industry code list	X ID 1/3
X	YNQ09	1271	Industry Code Code indicating a code from a specific industry code list	X AN 1/30
X	YNQ10	933	Free-Form Message Text	X AN 1/264

Free-form message text

Segment: **DTM** Date/Time/Period
Position: 040
Loop: BA1 Mandatory
Level:
Usage: Mandatory
Max Use: 1
Purpose: To specify pertinent dates and times
Syntax Notes:

- 1 At least one of DTM02 DTM03 or DTM05 is required.
- 2 If DTM04 is present, then DTM03 is required.
- 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:
Comments:

Data Element Summary				
	Ref. Des.	Data Element	Name	Attributes
>>	DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 274 Requested Departure Date	M ID 3/3
	DTM02	373	Date Date (YYMMDD) Provide estimated date of departure (CCYYMMDD)	X DT 8/8
X	DTM03	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	X TM 4/8
X	DTM04	623	Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	O ID 2/2
>>	DTM05	1250	Date Time Period Format Qualifier Code indicating the date format, time format, or date and time format D8 Date Expressed in Format CCYYMMDD	X ID 2/3
X	DTM06	1251	Date Time Period Expression of a date, a time, or range of dates, times or dates and times	X AN 1/35

Segment: **P5** Port Information
Position: 050
Loop: BA1 Mandatory
Level:
Usage: Mandatory
Max Use: 2
Purpose: To indicate port-related data
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary			
	Ref.	Data	
	<u>Des.</u>	<u>Element</u>	<u>Name</u>
			<u>Attributes</u>
>>	P501	115	Port Function Code Code defining function performed at the port with respect to a shipment D Port of Discharge (Operational) Port at which cargo is unloaded from vessel L Port of Loading (Operational) Port at which cargo is loaded on vessel
>>	P502	309	Location Qualifier Code identifying type of location D Census Schedule D K Census Schedule K
>>	P503	310	Location Identifier Code which identifies a specific location For port of exportation, provide Schedule D (maximum - 4 positions) designating from which port merchandise is laded for vessel and air; for land border use actual port crossing. For vessel port of unlading, provide Schedule K. (maximum -5 positions) For trade between U.S. and Puerto Rico use 4 position Schedule D port code in this field.

Segment: **REF** **Reference Numbers**
Position: 060
Loop: BA1 Mandatory
Level:
Usage: Optional (Must Use)
Max Use: 9
Purpose: To specify identifying numbers.
Syntax Notes:

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

Semantic Notes:
Comments:

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
>>	REF01	128	Reference Number Qualifier Code qualifying the Reference Number. BN Booking Number EO Submitter Identification Number A unique number identifying the submitter of the transaction set FC Filer Code Issued by Customs	M ID 2/3
	REF02	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. Internal tracking number (ITN) issued by customs or booking number issued by carrier. Provide Exporter id number if PASS-IOU or Expanded PASS-IOU.	X AN 1/30
	REF03	352	Description A free-form description to clarify the related data elements and their content Provide Exporter name if PASS-IOU or Expanded PASS-IOU.	X AN 1/80
X	REF04	C040		O
X	C04001	128	Reference Number Qualifier Code qualifying the Reference Number.	M ID 2/3
X	C04002	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	M AN 1/30
X	C04003	128	Reference Number Qualifier Code qualifying the Reference Number.	X ID 2/3
X	C04004	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	X AN 1/30
X	C04005	128	Reference Number Qualifier Code qualifying the Reference Number.	X ID 2/3
X	C04006	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	X AN 1/30

Segment: **M12** In-bond Identifying Information
Position: 070
Loop: BA1 Mandatory
Level:
Usage: Optional (Must Use)
Max Use: 1
Purpose: To transmit in-bond data for a master in-bond bill of lading
Syntax Notes:

- 1 Only one of M1202 or M1206 may be present.
- 2 If M1206 is present, then M1208 is required.
- 3 If either M1208 or M1209 is present, then the other is required.
- 4 If either M1210 or M1211 is present, then the other is required.

Semantic Notes:
Comments:

Data Element Summary					
	Ref. Des.	Data Element	Name	Attributes	
>>	M1201	581	Entry Type Code	M	ID 2/2
			Code defining the type of entry assigned by U.S. Customs		
			Code defining the type of entry assigned by U.S. Customs		
			36= Warehouse withdrawal for IE		
			37= Warehouse withdrawal for T & E		
			62= T & E		
			63= IE		
			67= IE from a Foreign Trade Zone (FTZ)		
			68= T & E from a Foreign Trade Zone (FTZ)		
			70= Not In Bond		
	M1202	601	Entry Number	X	AN 1/15
			Automated Commercial System Code Furnished by U.S. Customs Service		
	M1203	310	Location Identifier	O	AN 1/30
			Code which identifies a specific location		
			Indicate Foreign Trade Zone		
X	M1204	310	Location Identifier	O	AN 1/30
			Code which identifies a specific location		
X	M1205	602	Customs Shipment Value	O	AN 2/8
			Customs value in whole dollars		
X	M1206	603	In-bond Control Number	X	AN 1/25
			Currently assigned control number for in-bond movement		
X	M1207	140	Standard Carrier Alpha Code	O	ID 2/4
			Standard Carrier Alpha Code		
X	M1208	128	Reference Number Qualifier	X	ID 2/3
			Code qualifying the Reference Number.		
X	M1209	127	Reference Number	X	AN 1/30
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.		
X	M1210	91	Transportation Method/Type Code	X	ID 1/2
			Code specifying the method or type of transportation for the shipment		
X	M1211	182	Vessel Name	X	AN 2/28
			Name of ship as documented in "Lloyd's Register of Ships"		

Segment: **VID** Vehicle ID
Position: 080
Loop: BA1 Mandatory
Level:
Usage: Optional
Max Use: 999
Purpose: To identify a vehicle and seal number and the vehicle size and type
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
>>	VID01	40	Equipment Description Code Code identifying type of equipment used for shipment CN Container	M ID 2/2
>>	VID02	206	Equipment Initial Prefix or alphabetic part of an equipment unit's identifying number	O AN 1/4
>>	VID03	207	Equipment Number Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)	M AN 1/10
	VID04	225	Seal Number Unique number on seal used to close a shipment	O AN 2/15
X	VID05	225	Seal Number Unique number on seal used to close a shipment	O AN 2/15
X	VID06	567	Equipment Length Length (in feet and inches) of equipment ordered or used to transport shipment (The format is FFFII where FFF is feet and II is inches; the range for II is 00 through 11)	O N0 4/5
X	VID07	65	Height Vertical dimension of an object measured when the object is in the upright position	O R 1/8
X	VID08	189	Width Shorter measurement of the two horizontal dimensions measured with the object in the upright position	O R 1/8
X	VID09	24	Equipment Type Code identifying equipment type	O ID 4/4
X	VID10	322	Load/Empty Status Code Code which specifies the loaded condition of transportation equipment	O ID 1/1
X	VID11	56	Type of Service Code Code specifying extent of transportation service requested	O ID 2/2
X	VID12	310	Location Identifier Code which identifies a specific location	O AN 1/30
X	VID13	140	Standard Carrier Alpha Code Standard Carrier Alpha Code	O ID 2/4

Segment: **N1** Name
Position: 100
Loop: N1 Mandatory
Level:
Usage: Mandatory
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1 At least one of N102 or N103 is required.
2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
Comments:

Data Element Summary				
Ref.	Data	Name	Attributes	
Des.	Element		M	ID
>>	N101	98 Entity Identifier Code		
		Code identifying an organizational entity, a physical location, or an individual		
		CN Consignee		
		EX Exporter		
		FW Forwarder		
		IC Intermediate Consignee		
		ZZ Mutually Defined		
		Data Entry Center (DEC).		
N102	93	Name	X	AN 1/60
		Free-form name		
N103	66	Identification Code Qualifier	X	ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)		
		1 D-U-N-S Number, Dun & Bradstreet		
		24 Employer's Identification Number		
		34 Social Security Number		
		DP Data Processing Point		
		Data Entry Center (DEC).		
		ZZ Mutually Defined		
		ZZ = Foreign Entity Code.		
N104	67	Identification Code	X	AN 2/80
		Code identifying a party or other code		
X	N105	706 Entity Relationship Code	O	ID 2/2
		Code describing entity relationship		
X	N106	98 Entity Identifier Code	O	ID 2/3
		Code identifying an organizational entity, a physical location, or an individual		

Segment: **N2** **Additional Name Information**
Position: 110
Loop: N1 Mandatory
Level:
Usage: Optional
Max Use: 2
Purpose: To specify additional names or those longer than 35 characters in length
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	
>> N201	93	Name Free-form name Provide contact first name (maximum - 13 positions), SPACE, middle initial (1 position), SPACE, and last name (maximum - 20 positions)	M AN 1/60
N202	93	Name Free-form name Provide contact phone number (maximum - 11 positions). Required for exporter, forwarder, and Data Entry Center (DEC) only. For 1-800 and 1-888 numbers provide 11 numbers without spaces or dashes. For other numbers, provide 10 numbers without spaces or dashes and left justify.	O AN 1/60

Segment: **N3** **Address Information**
Position: 115
Loop: N1 Mandatory
Level:
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
>>	N301	166	Address Information Address information	M AN 1/55
	N302	166	Address Information Address information	O AN 1/55

Segment: **N4 Geographic Location**
Position: 120
Loop: N1 Mandatory
Level:
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: 1 If N406 is present, then N405 is required.
Semantic Notes:
Comments:

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
>>	N401	19 City Name	O AN 2/30
		Free-form text for city name	
>>	N402	156 State or Province Code	O ID 2/2
		Code (Standard State/Province) as defined by appropriate government agency	
		Two digit USPS code of the state, territory or possession of the U.S. where the exporter, forwarder or DEC resides. Foreign Entity report state of residence at the time of export.	
		Exporters must have a valid U.S. state code except if the exporter resides in Puerto Rico, report PR as the state code and US as the country.	
		When reporting information about a forwarder or consignee in Mexico, the Mexican State Code is required. Valid Mexican State Codes are listed below:	
		AG Aguascalientes DF Distrito Federal	
		MO Morelos SI Sinaloa	
		BC Baja California DG Durango	
		NA Nayarit SO Sonora	
		BS Baja California Sur GT Guanajuato	
		NL Nuevo Leon TB Tabasco	
		CM Campeche GR Guerrero	
		OA Oaxaca TM Tamaulipas	
		CS Chiapas HG Hidalgo	
		PU Puebla TL Tlaxcala	
		CH Chihuahua JA Jalisco	
		QT Queretaro VE Veracruz	
		CO Coahuila MX Mexico	
		QR Quintana Roo YU Yucatan	
		CL Colima MI Michoacan	
		SL San Luis Potosi ZA Zacatecas	
>>	N403	116 Postal Code	O ID 3/15
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	
	N404	26 Country Code	O ID 2/3
		Code identifying the country	
X	N405	309 Location Qualifier	X ID 1/2
		Code identifying type of location	
X	N406	310 Location Identifier	O AN 1/30
		Code which identifies a specific location	

Segment: **L13** **Commodity Details**
Position: 130
Loop: L13 Mandatory
Level:
Usage: Mandatory
Max Use: 1
Purpose: To specify the commodity details
Syntax Notes:

- 1 If either L1308 or L1309 is present, then the other is required.
- 2 If either L1310 or L1311 is present, then the other is required.
- 3 If either L1315 or L1316 is present, then the other is required.

Semantic Notes:
Comments:

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
>>	L1301	23	Commodity Code Qualifier Code identifying the commodity coding system used for Commodity Code	M ID 1/1
			A Harmonized Tariff Schedule of the United States Annotated Classification of imported merchandise for rate of duty and statistical purposes	
			B U.S. Foreign Trade Schedule B, Statistical Classification of Domestic and Foreign Commodities Exported from the United States	
>>	L1302	22	Commodity Code Code describing a commodity or group of commodities	M AN 1/30
			For Pre-departure Option 3, the commodity description may be reported in lieu of the HS/Schedule B number.	
			Maximum - 10 positions.	
>>	L1303	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	M ID 2/2
>>	L1304	380	Quantity Numeric value of quantity	M R 1/15
			Report first quantity, in whole numbers and round ff.	
>>	L1305	522	Amount Qualifier Code Code to qualify amount	M ID 1/3
			10 Shipment Value in U.S. Dollars	
>>	L1306	782	Monetary Amount Monetary amount	M R 1/18
			Provide value of goods, in whole numbers only rounded up to the next whole dollar. No comma or dollar signs	
>>	L1307	554	Assigned Number Number assigned for differentiation within a transaction set	M N0 1/6
			maximum - 5 positions)	
			Provide unique line number assigned for the shipment	
	L1308	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	X ID 2/2
	L1309	380	Quantity	X R 1/15

			Numeric value of quantity		
			Provide second quantity		
	L1310	188	Weight Unit Code	X	ID 1/1
			Code specifying the weight unit		
			K Kilograms		
	L1311	81	Weight	X	R 1/10
			Numeric value of weight		
	L1312	369	Free-form Description	O	AN 1/45
			Free-form descriptive text		
			Provide commodity description		
	L1313	1578	Export Information Code	O	ID 2/2
			Code specifying why a Shipper's Export Declaration (SED) is not required, or shipment data is limited, or complete shipment information is required.		
			See Appendix E for acceptable codes.		
	L1314	306	Action Code	O	ID 1/2
			Code indicating type of action		
X	L1315	1589	Harbor Maintenance Fee (HMF) Exemption Code	X	AN 1/2
			Code specifying the reason a commodity is exempt from Harbor Maintenance Fees (maximum - 1 position)		
			The following is a list of Harbor Maintenance Fee Exemption Codes from sec. 4462, chapter 36 I.R. code 1954 as amended by the HMF Revenue Act of 1986 that are applicable to exports:		
			A = Not a port [(a) (2)]		
			B = Bunker Fuel [(a) (3)]		
			C = Ship/sea stores [(a) (3)]		
			D = Vessel equipment [(a) (3)]		
			Z = No exemption claimed		
X	L1316	610	Amount	X	N2 1/15
			Monetary amount		

Segment: **MAN** Marks and Numbers
Position: 140
Loop: L13 Mandatory
Level:
Usage: Optional
Max Use: 999
Purpose: To indicate identifying marks and numbers for shipping containers
Syntax Notes:

- 1 If either MAN04 or MAN05 is present, then the other is required.
- 2 If MAN06 is present, then MAN05 is required.

Semantic Notes:
Comments:

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
>>	MAN01	88	Marks and Numbers Qualifier Code specifying the application or source of Marks and Numbers (87)	M ID 1/2
			MC Master Carton Number The identification number of the outermost (external) container in a shipment leaving the supplier's dock	
>>	MAN02	87	Marks and Numbers Marks and numbers used to identify a shipment or parts of a shipment Marks and numbers used to identify a shipment or parts of a shipment (First 48 positions)	M AN 1/48
	MAN03	87	Marks and Numbers Marks and numbers used to identify a shipment or parts of a shipment maximum - 22 positions Marks and numbers used to identify a shipment or parts of a shipment	O AN 1/48
	MAN04	88	Marks and Numbers Qualifier Code specifying the application or source of Marks and Numbers (87)	X ID 1/2
	MAN05	87	Marks and Numbers Marks and numbers used to identify a shipment or parts of a shipment Marks and numbers used to identify a shipment or parts of a shipment	X AN 1/48
	MAN06	87	Marks and Numbers Marks and numbers used to identify a shipment or parts of a shipment	O AN 1/48

Segment: **X1** Export License
Position: 150
Loop: L13 Mandatory
Level:
Usage: Optional
Max Use: 1
Purpose: To transmit information contained on an export license
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
X	X101	83	Licensing Agency Code Code for licensing agency	O ID 1/1
	X102	50	Export License Number Government assigned identification number for exporter	O AN 6/12
X	X103	51	Export License Status Code Code defining whether the shipment completes the terms of the license, or the shipment is only a partial delivery relative to the license terms	O ID 1/1
X	X104	373	Date Date (YYMMDD)	O DT 8/8
X	X105	52	Export License Symbol Code Code which specifies the export symbol marked on a shipment	O ID 1/2
	X106	48	Export License Control Code Code indicating the type of control applicable to the export license See Appendix F.	O ID 1/1
X	X107	26	Country Code Code identifying the country	O ID 2/3
X	X108	141	Schedule B Code Code identifying commodity number established for international statistical purposes	O ID 7/10
>>	X109	210	International/Domestic Code Code indicating international or domestic shipment	O ID 1/1
X	X110	80	Lading Quantity Number of units (pieces) of the lading commodity	O N0 1/7
X	X111	148	Lading Value Value of shipment for export, expressed in the standard monetary denomination for the currency specified	O R 2/9
X	X112	47	Export Filing Key Code Code indicating the type of communications with customs	O ID 1/1
X	X113	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
X	X114	212	Unit Price Price per unit of product, service, commodity, etc.	O R 1/17
X	X115	1306	U.S. Government License Type Code to identify the type of government license involved	O AN 1/1
	X116	67	Identification Code Code identifying a party or other code Provide Export Classification Code(ECCN)	O AN 2/80



Segment: **VEH** Vehicle Information
Position: 160
Loop: L13 Mandatory
Level:
Usage: Optional
Max Use: 9999
Purpose: To provide descriptions that identify a specific vehicle
Syntax Notes:

- 1 If VEH04 is present, then at least one of VEH05 or VEH07 is required.
- 2 If VEH05 is present, then VEH04 is required.
- 3 If VEH06 is present, then both VEH04 and VEH05 are required.
- 4 If VEH07 is present, then VEH04 is required.

Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
X	VEH01	554	Assigned Number Number assigned for differentiation within a transaction set	O N0 1/6
	VEH02	539	Vehicle Identification Number Unique identification number stamped on the vehicle by the manufacturer	O AN 1/25
X	VEH03	1095	Year Within Century The last two characters in the designation of the year (CCYY)	O N0 4/4
X	VEH04	559	Agency Qualifier Code Code identifying the agency assigning the code values	X ID 2/2
	VEH05	751	Product Description Code A code from an industry code list which provides specific data about a product characteristic	X AN 1/12
	VEH06	751	Product Description Code A code from an industry code list which provides specific data about a product characteristic	O AN 1/12
	VEH07	751	Product Description Code A code from an industry code list which provides specific data about a product characteristic	X AN 1/12
X	VEH08	82	Length Largest horizontal dimension of an object measured when the object is in the upright position	O R 1/8
>>	VEH09	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. Provide vehicle title number	O AN 1/30
>>	VEH10	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2
X	VEH11	310	Location Identifier Code which identifies a specific location	O AN 1/30
X	VEH12	1073	Yes/No Condition or Response Code Code indicating a Yes or No condition or response	O ID 1/1
X	VEH13	610	Amount Monetary amount	O N2 1/15
X	VEH14	1073	Yes/No Condition or Response Code Code indicating a Yes or No condition or response	O ID 1/1
X	VEH15	610	Amount Monetary amount	O N2 1/15

VEH16

306

Action Code

Code indicating type of action

O ID 1/2

Segment: **SE** Transaction Set Trailer
Position: 200
Loop:
Level:
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
>>	SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	M N0 1/10
>>	SE02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M AN 4/9

Segment: **IEA** Interchange Control Trailer
Position: 195
Loop:
Level:
Usage: Optional
Max Use: 1
Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref.	Data	Name	Attributes
	Des.	Element		
>>	IEA01	I16	Number of Included Functional Groups A count of the number of functional groups included in an interchange	M N0 1/5
>>	IEA02	I12	Interchange Control Number A control number assigned by the interchange sender	M N0 9/9

Section 8.6

824 Application Advice

Functional Group ID=AG

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Application Advice Transaction Set (824) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide the ability to report the results of an application system's data content edits of transaction sets. The results of editing transaction sets can be reported at the functional group and transaction set level, in either coded or free-form format. It is designed to accommodate the business need of reporting the acceptance, rejection or acceptance with change of any transaction set. The Application Advice should not be used in place of a transaction set designed as a specific response to another transaction set (e.g., purchase order acknowledgement sent in response to a purchase order).

Heading:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BGN	Beginning Segment	M	1		
			LOOP ID - N1			>1	
	030	N1	Name	O	1		
	040	N2	Additional Name Information	O	2		
	050	N3	Address Information	O	2		
	060	N4	Geographic Location	O	1		
	070	REF	Reference Identification	O	12		
	080	PER	Administrative Communications Contact	O	3		

Detail:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
			LOOP ID - OTI			>1	
Must Use	010	OTI	Original Transaction Identification	M	1		
	020	REF	Reference Identification	O	12		c1
	030	DTM	Date/Time Reference	O	2		
	040	PER	Administrative Communications Contact	O	3		
	050	AMT	Monetary Amount	O	>1		
	060	QTY	Quantity	O	>1		

	065	NM1	Individual or Organizational Name	O	9	
			LOOP ID - TED			>1
	070	TED	Technical Error Description	O	1	
	080	NTE	Note/Special Instruction	O	100	
			LOOP ID - LM			>1
	085	LM	Code Source Information	O	1	n1
Must Use	086	LQ	Industry Code	M	100	
Must Use	090	SE	Transaction Set Trailer	M	1	

Transaction Set Notes

1. Use of the LM loop is limited to the identification of industry unique application error conditions.

Transaction Set Comments

1. REF segments can be used as needed to further identify the original transaction set.

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:

Data Element Summary					
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>	
>>	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set Refer to 003060 Data Element Dictionary for acceptable code values.	M	ID 3/3
>>	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN 4/9

Segment: BGN Beginning Segment**Position:** 020**Loop:****Level:** Heading**Usage:** Mandatory**Max Use:** 1**Purpose:** To indicate the beginning of a transaction set**Syntax Notes:** 1 If BGN05 is present, then BGN04 is required.**Semantic Notes:** 1 BGN02 is the transaction set reference number.

2 BGN03 is the transaction set date.

3 BGN04 is the transaction set time.

4 BGN05 is the transaction set time qualifier.

5 BGN06 is the transaction set reference number of a previously sent transaction affected by the current transaction.

Comments:**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
>>	BGN01	353	Transaction Set Purpose Code Code identifying purpose of transaction set Refer to 003060 Data Element Dictionary for acceptable code values.	M ID 2/2
>>	BGN02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/30
>>	BGN03	373	Date Date (YYMMDD)	M DT 6/6
	BGN04	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	X TM 4/8
	BGN05	623	Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow Refer to 003060 Data Element Dictionary for acceptable code values.	O ID 2/2
	BGN06	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	O AN 1/30
	BGN07	640	Transaction Type Code Code specifying the type of transaction Refer to 003060 Data Element Dictionary for acceptable code values.	O ID 2/2

BGN08	306	Action Code	O	ID	1/2
		Code indicating type of action			
		Refer to 003060 Data Element Dictionary for acceptable code values.			
BGN09	786	Security Level Code	O	ID	2/2
		Code indicating the level of confidentiality assigned by the sender to the information following			
		Refer to 003060 Data Element Dictionary for acceptable code values.			

Segment: **N1** Name
Position: 030
Loop: N1
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1 At least one of N102 or N103 is required.
 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
Comments: 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
 2 N105 and N106 further define the type of entity in N101.

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>		
>>	N101	98	Entity Identifier Code	M	ID 2/2
			Code identifying an organizational entity, a physical location, or an individual		
			Refer to 003060 Data Element Dictionary for acceptable code values.		
	N102	93	Name	X	AN 1/35
			Free-form name		
	N103	66	Identification Code Qualifier	X	ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)		
			Refer to 003060 Data Element Dictionary for acceptable code values.		
	N104	67	Identification Code	X	AN 2/20
			Code identifying a party or other code		
	N105	706	Entity Relationship Code	O	ID 2/2
			Code describing entity relationship		
			Refer to 003060 Data Element Dictionary for acceptable code values.		
	N106	98	Entity Identifier Code	O	ID 2/2
			Code identifying an organizational entity, a physical location, or an individual		
			Refer to 003060 Data Element Dictionary for acceptable code values.		

Segment: **N2** Additional Name Information
Position: 040
Loop: N1
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify additional names or those longer than 35 characters in length
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary				
	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
>>	N201	93	Name Free-form name	M AN 1/35
	N202	93	Name Free-form name	O AN 1/35

Segment: **N3** **Address Information**
Position: 050
Loop: N1
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary						
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>		
>>	N301	166	Address Information Address information	M	AN	1/35
	N302	166	Address Information Address information	O	AN	1/35

Segment: **N4** Geographic Location
Position: 060
Loop: N1
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: 1 If N406 is present, then N405 is required.
Semantic Notes:
Comments: 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
 2 N402 is required only if city name (N401) is in the U.S. or Canada.

Data Element Summary				
<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>	
N401	19	City Name	O	AN 2/30
		Free-form text for city name		
N402	156	State or Province Code	O	ID 2/2
		Code (Standard State/Province) as defined by appropriate government agency		
N403	116	Postal Code	O	ID 3/15
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)		
N404	26	Country Code	O	ID 2/3
		Code identifying the country		
N405	309	Location Qualifier	X	ID 1/2
		Code identifying type of location		
		Refer to 003060 Data Element Dictionary for acceptable code values.		
N406	310	Location Identifier	O	AN 1/30
		Code which identifies a specific location		

Segment: **REF** **Reference Identification**
Position: 070
Loop: N1
Level: Heading
Usage: Optional
Max Use: 12
Purpose: To specify identifying information
Syntax Notes: 1 At least one of REF02 or REF03 is required.
 2 If either C04003 or C04004 is present, then the other is required.
 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes: 1 REF04 contains data relating to the value cited in REF02.
Comments:

Data Element Summary					
	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>	
>>	REF01	128	Reference Identification Qualifier Code Qualifying the Reference Identification Refer to 003060 Data Element Dictionary for acceptable code values.	M	ID 2/3
	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN 1/30
	REF03	352	Description A free-form description to clarify the related data elements and their content	X	AN 1/80
	REF04	C040	Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O	
>>	C04001	128	Reference Identification Qualifier Code Qualifying the Reference Identification Refer to 003060 Data Element Dictionary for acceptable code values.	M	ID 2/3
>>	C04002	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M	AN 1/30
	C04003	128	Reference Identification Qualifier Code Qualifying the Reference Identification Refer to 003060 Data Element Dictionary for acceptable code values.	X	ID 2/3
	C04004	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN 1/30
	C04005	128	Reference Identification Qualifier Code Qualifying the Reference Identification	X	ID 2/3

C04006	127	Refer to 003060 Data Element Dictionary for acceptable code values. Reference Identification	X AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

Segment: **PER** **Administrative Communications Contact**
Position: 080
Loop: N1
Level: Heading
Usage: Optional
Max Use: 3
Purpose: To identify a person or office to whom administrative communications should be directed
Syntax Notes:

- 1 If either PER03 or PER04 is present, then the other is required.
- 2 If either PER05 or PER06 is present, then the other is required.
- 3 If either PER07 or PER08 is present, then the other is required.

Semantic Notes:
Comments:

Data Element Summary					
Ref. Des.	Data Element	Name	Attributes		
>>	PER01	366 Contact Function Code	M	ID	2/2
		Code identifying the major duty or responsibility of the person or group named Refer to 003060 Data Element Dictionary for acceptable code values.			
	PER02	93 Name	O	AN	1/35
		Free-form name			
	PER03	365 Communication Number Qualifier	X	ID	2/2
		Code identifying the type of communication number Refer to 003060 Data Element Dictionary for acceptable code values.			
	PER04	364 Communication Number	X	AN	1/80
		Complete communications number including country or area code when applicable			
	PER05	365 Communication Number Qualifier	X	ID	2/2
		Code identifying the type of communication number Refer to 003060 Data Element Dictionary for acceptable code values.			
	PER06	364 Communication Number	X	AN	1/80
		Complete communications number including country or area code when applicable			
	PER07	365 Communication Number Qualifier	X	ID	2/2
		Code identifying the type of communication number Refer to 003060 Data Element Dictionary for acceptable code values.			
	PER08	364 Communication Number	X	AN	1/80
		Complete communications number including country or area code when applicable			

PER09

443

Contact Inquiry Reference

O AN 1/20

Additional reference number or description to clarify a contact number

Segment: OTI Original Transaction Identification**Position:** 010**Loop:** OTI**Level:** Detail**Usage:** Mandatory**Max Use:** 1**Purpose:** To identify the edited transaction set and the level at which the results of the edit are reported, and to indicate the accepted, rejected, or accepted-with-change edit result**Syntax Notes:** 1 If OTI09 is present, then OTI08 is required.**Semantic Notes:** 1 OTI06 is the group date.

2 OTI07 is the group time.

3 If OTI11 is present, it will contain the version/release under which the original electronic transaction was translated by the receiver.

Comments: 1 OTI02 contains the qualifier identifying the business transaction from the original business application, and OTI03 will contain the original business application identification.

2 If used, OTI04 through OTI08 will contain values from the original electronic functional group generated by the sender.

3 If used, OTI09 through OTI10 will contain values from the original electronic transaction set generated by the sender.

Data Element Summary

	Ref. Des.	Data Element	Name	<u>Attributes</u>		
>>	OTI01	110	Application Acknowledgment Code Code indicating the application system edit results of the business data Refer to 003060 Data Element Dictionary for acceptable code values.	M	ID	1/2
>>	OTI02	128	Reference Identification Qualifier Code Qualifying the Reference Identification Refer to 003060 Data Element Dictionary for acceptable code values.	M	ID	2/3
>>	OTI03	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M	AN	1/30
	OTI04	142	Application Sender's Code Code identifying party sending transmission; codes agreed to by trading partners	O	AN	2/15
	OTI05	124	Application Receiver's Code Code identifying party receiving transmission. Codes agreed to by trading partners	O	AN	2/15
	OTI06	373	Date Date (YYMMDD)	O	DT	6/6
	OTI07	337	Time	O	TM	4/8

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

OTI08	28	Group Control Number	X	N0	1/9
		Assigned number originated and maintained by the sender			
OTI09	329	Transaction Set Control Number	O	AN	4/9
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set			
OTI10	143	Transaction Set Identifier Code	O	ID	3/3
		Code uniquely identifying a Transaction Set			
		Refer to 003060 Data Element Dictionary for acceptable code values.			
OTI11	480	Version / Release / Industry Identifier Code	O	AN	1/12
		Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed			
		Refer to 003060 Data Element Dictionary for acceptable code values.			

Segment: **REF** **Reference Identification**
Position: 020
Loop: OTI
Level: Detail
Usage: Optional
Max Use: 12
Purpose: To specify identifying information
Syntax Notes: **1** At least one of REF02 or REF03 is required.
 2 If either C04003 or C04004 is present, then the other is required.
 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes: **1** REF04 contains data relating to the value cited in REF02.
Comments:

Data Element Summary					
	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>	
>>	REF01	128	Reference Identification Qualifier Code Qualifying the Reference Identification Refer to 003060 Data Element Dictionary for acceptable code values.	M	ID 2/3
	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN 1/30
	REF03	352	Description A free-form description to clarify the related data elements and their content	X	AN 1/80
	REF04	C040	Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O	
>>	C04001	128	Reference Identification Qualifier Code Qualifying the Reference Identification Refer to 003060 Data Element Dictionary for acceptable code values.	M	ID 2/3
	C04002	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M	AN 1/30
>>	C04003	128	Reference Identification Qualifier Code Qualifying the Reference Identification Refer to 003060 Data Element Dictionary for acceptable code values.	X	ID 2/3
	C04004	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN 1/30
	C04005	128	Reference Identification Qualifier Code Qualifying the Reference Identification	X	ID 2/3

C04006	127	Refer to 003060 Data Element Dictionary for acceptable code values. Reference Identification	X AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

Segment: DTM Date/Time Reference**Position:** 030**Loop:** OTI**Level:** Detail**Usage:** Optional**Max Use:** 2**Purpose:** To specify pertinent dates and times**Syntax Notes:** 1 At least one of DTM02 DTM03 or DTM06 is required.

2 If either DTM06 or DTM07 is present, then the other is required.

Semantic Notes:**Comments:****Data Element Summary**

Ref. Des.	Data Element	Name	Attributes
>>	DTM01	374 Date/Time Qualifier Code specifying type of date or time, or both date and time Refer to 003060 Data Element Dictionary for acceptable code values.	M ID 3/3
	DTM02	373 Date Date (YYMMDD)	X DT 6/6
	DTM03	337 Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	X TM 4/8
	DTM04	623 Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow Refer to 003060 Data Element Dictionary for acceptable code values.	O ID 2/2
	DTM05	624 Century The first two characters in the designation of the year (CCYY)	O N0 2/2
	DTM06	1250 Date Time Period Format Qualifier Code indicating the date format, time format, or date and time format Refer to 003060 Data Element Dictionary for acceptable code values.	X ID 2/3
	DTM07	1251 Date Time Period Expression of a date, a time, or range of dates, times or dates and times	X AN 1/35

Segment: PER Administrative Communications Contact**Position:** 040**Loop:** OTI**Level:** Detail**Usage:** Optional**Max Use:** 3**Purpose:** To identify a person or office to whom administrative communications should be directed

- Syntax Notes:**
- 1** If either PER03 or PER04 is present, then the other is required.
 - 2** If either PER05 or PER06 is present, then the other is required.
 - 3** If either PER07 or PER08 is present, then the other is required.

Semantic Notes:**Comments:****Data Element Summary**

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>		
>> PER01	366	Contact Function Code	M	ID	2/2
		Code identifying the major duty or responsibility of the person or group named			
		Refer to 003060 Data Element Dictionary for acceptable code values.			
PER02	93	Name	O	AN	1/35
		Free-form name			
PER03	365	Communication Number Qualifier	X	ID	2/2
		Code identifying the type of communication number			
		Refer to 003060 Data Element Dictionary for acceptable code values.			
PER04	364	Communication Number	X	AN	1/80
		Complete communications number including country or area code when applicable			
PER05	365	Communication Number Qualifier	X	ID	2/2
		Code identifying the type of communication number			
		Refer to 003060 Data Element Dictionary for acceptable code values.			
PER06	364	Communication Number	X	AN	1/80
		Complete communications number including country or area code when applicable			
PER07	365	Communication Number Qualifier	X	ID	2/2
		Code identifying the type of communication number			
		Refer to 003060 Data Element Dictionary for acceptable code values.			
PER08	364	Communication Number	X	AN	1/80
		Complete communications number including country or area code when applicable			

PER09

443

Contact Inquiry Reference

O AN 1/20

Additional reference number or description to clarify a contact number

Segment: **AMT** Monetary Amount
Position: 050
Loop: OTI
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To indicate the total monetary amount
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary						
	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>		
>>	AMT01	522	Amount Qualifier Code Code to qualify amount Refer to 003060 Data Element Dictionary for acceptable code values.	M	ID	1/2
>>	AMT02	782	Monetary Amount Monetary amount	M	R	1/15
	AMT03	478	Credit/Debit Flag Code Code indicating whether amount is a credit or debit Refer to 003060 Data Element Dictionary for acceptable code values.	O	ID	1/1

Segment: **QTY** Quantity
Position: 060
Loop: OTI
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify quantity information
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary					
	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>	
>>	QTY01	673	Quantity Qualifier Code specifying the type of quantity Refer to 003060 Data Element Dictionary for acceptable code values.	M	ID 2/2
>>	QTY02	380	Quantity Numeric value of quantity	M	R 1/15
	QTY03	C001	Composite Unit of Measure To identify a composite unit of measure(See Figures Appendix for examples of use.)	O	
>>	C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 003060 Data Element Dictionary for acceptable code values.	M	ID 2/2
	C00102	1018	Exponent Power to which a unit is raised	O	R 1/15
	C00103	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
	C00104	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 003060 Data Element Dictionary for acceptable code values.	O	ID 2/2
	C00105	1018	Exponent Power to which a unit is raised	O	R 1/15
	C00106	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
	C00107	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 003060 Data Element Dictionary for acceptable code values.	O	ID 2/2

C00108	1018	Exponent Power to which a unit is raised	O	R	1/15
C00109	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R	1/10
C00110	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 003060 Data Element Dictionary for acceptable code values.	O	ID	2/2
C00111	1018	Exponent Power to which a unit is raised	O	R	1/15
C00112	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R	1/10
C00113	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 003060 Data Element Dictionary for acceptable code values.	O	ID	2/2
C00114	1018	Exponent Power to which a unit is raised	O	R	1/15
C00115	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R	1/10

Segment: **NM1** Individual or Organizational Name
Position: 065
Loop: OTI
Level: Detail
Usage: Optional
Max Use: 9
Purpose: To supply the full name of an individual or organizational entity
Syntax Notes: 1 If either NM108 or NM109 is present, then the other is required.
 2 If NM111 is present, then NM110 is required.
Semantic Notes: 1 NM102 qualifies NM103.
Comments: 1 NM110 and NM111 further define the type of entity in NM101.

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>		
>> NM101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, or an individual Refer to 003060 Data Element Dictionary for acceptable code values.	M	ID	2/2
>> NM102	1065	Entity Type Qualifier Code qualifying the type of entity Refer to 003060 Data Element Dictionary for acceptable code values.	M	ID	1/1
NM103	1035	Name Last or Organization Name Individual last name or organizational name	O	AN	1/35
NM104	1036	Name First Individual first name	O	AN	1/25
NM105	1037	Name Middle Individual middle name or initial	O	AN	1/25
NM106	1038	Name Prefix Prefix to individual name	O	AN	1/10
NM107	1039	Name Suffix Suffix to individual name	O	AN	1/10
NM108	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) Refer to 003060 Data Element Dictionary for acceptable code values.	X	ID	1/2
NM109	67	Identification Code Code identifying a party or other code	X	AN	2/20
NM110	706	Entity Relationship Code Code describing entity relationship Refer to 003060 Data Element Dictionary for acceptable code values.	X	ID	2/2

NM111	98	Entity Identifier Code	O	ID	2/2
Code identifying an organizational entity, a physical location, or an individual					
Refer to 003060 Data Element Dictionary for acceptable code values.					

Segment: **TED** **Technical Error Description**
Position: 070
Loop: TED
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To identify the error and, if feasible, the erroneous segment, or data element, or both
Syntax Notes:
Semantic Notes:
Comments: 1 If used, TED02 will contain a generic description of the data in error (e.g., part number, date, reference number, etc.).

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>		
>> TED01	647	Application Error Condition Code Code indicating application error condition Refer to 003060 Data Element Dictionary for acceptable code values.	M	ID	1/3
TED02	3	Free Form Message Free-form text	O	AN	1/60
TED03	721	Segment ID Code Code defining the segment ID of the data segment in error (See Appendix A - Number 77)	O	ID	2/3
TED04	719	Segment Position in Transaction Set The numerical count position of this data segment from the start of the transaction set: the transaction set header is count position 1	O	N0	1/6
TED05	722	Element Position in Segment This is used to indicate the relative position of a simple data element, or the relative position of a composite data structure with the relative position of the component within the composite data structure, in error; in the data segment the count starts with 1 for the simple data element or composite data structure immediately following the segment ID	O	N0	1/2
TED06	725	Data Element Reference Number Reference number used to locate the data element in the Data Element Dictionary	O	N0	1/4
TED07	724	Copy of Bad Data Element This is a copy of the data element in error	O	AN	1/99
TED08	961	Data Element New Content New data which has replaced erroneous data	O	AN	1/99

Segment: NTE Note/Special Instruction**Position:** 080**Loop:** TED**Level:** Detail**Usage:** Optional**Max Use:** 100**Purpose:** To transmit information in a free-form format, if necessary, for comment or special instruction**Syntax Notes:****Semantic Notes:****Comments:** 1 The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.**Data Element Summary**

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
NTE01	363	Note Reference Code	O ID 3/3
		Code identifying the functional area or purpose for which the note applies	
		Refer to 003060 Data Element Dictionary for acceptable code values.	
>>	NTE02	352 Description	M AN 1/80
		A free-form description to clarify the related data elements and their content	

Segment: **LM** **Code Source Information**
Position: 085
Loop: LM
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To transmit standard code list identification information
Syntax Notes:
Semantic Notes:
Comments: 1 LM02 identifies the applicable industry code list source information.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
>> LM01	559	Agency Qualifier Code Code identifying the agency assigning the code values Refer to 003060 Data Element Dictionary for acceptable code values.	M ID 2/2
LM02	822	Source Subqualifier A reference that indicates the table or text maintained by the Source Qualifier	O AN 1/15

Segment: **LQ** **Industry Code**
Position: 086
Loop: LM
Level: Detail
Usage: Mandatory
Max Use: 100
Purpose: Code to transmit standard industry codes
Syntax Notes: 1 If LQ01 is present, then LQ02 is required.
Semantic Notes:
Comments:

Data Element Summary				
<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>	
LQ01	1270	Code List Qualifier Code	O	ID 1/3
		Code identifying a specific industry code list		
		Refer to 003060 Data Element Dictionary for acceptable code values.		
LQ02	1271	Industry Code	X	AN 1/30
		Code indicating a code from a specific industry code list		

Segment: **SE** Transaction Set Trailer

Position: 090

Loop:

Level: Detail

Usage: Mandatory

Max Use: 1

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Syntax Notes:

Semantic Notes:

Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
>>	SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	M N0 1/10
>>	SE02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M AN 4/9